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chemistry, has accepted a position with the Bureau of Standards, Washington, D. C.

Dr. Ferdinand H. Haessler, hitherto an assistant in pathology and bacteriology, has accepted an appointment as resident pathologist in the Department for Nervous and Mental Diseases in the Pennsylvania Hospital at Philadelphia.

Dr. Arthur B. Lyon, hitherto an assistant in medicine, has resigned to enter private practise.

SCIENTIFIC NOTES AND NEWS

THE University of Wisconsin has conferred the degree of doctor of laws on Dr. Alonzo E. Taylor, professor of physiological chemistry, at the University of Pennsylvania, and the degree of doctor of science on Dr. Joel Stebbins, professor of astronomy at the University of Illinois.

THE degree of doctor of science was conferred on Dr. C. C. Adams, director of the Roosevelt Wild Life Forest Experiment Station at the college of forestry of Syracuse University by Illinois Wesleyan University, on the twenty-fifth anniversary of its founding.

PROFESSOR JOHN W. TOWNEY, dean of the Yale Forest School received the degree of LL.D., at the commencement exercises of the New York State College of Forestry at Syracuse University.

THE University of Vermont has conferred the degree of LL.D., on Dr. Edward G. Spaulding, professor of philosophy in Princeton University.

THE University of St. Andrews has conferred the degree of LL.D.; on Dr. Leon Fredericq, for nearly forty years professor of pathology in the University of Liége, Belgium; on Mr. W. J. Matheson, president of the biological laboratory of the Brooklyn Institute, and scientific adviser in chemistry to the Board of Health for the city of New York, and on Dr. Norman Walker, inspector of anatomy for Scotland and direct representative of the profession in Scotland on the General Medical Council, and on Dr. Norman

Kemp, Smith professor of logic and metaphysics at the University of Edinburgh.

THE Association of American Physicians has elected as honorary members: Sir Clifford Allbutt, University of Cambridge, M. Roux, until recently director of the Pasteur Institute, Paris, Professor Heger of Brussels, and Professor Marchiafava of Rome.

AT the meeting of the Linnean Society on May 27 the gold medal of the society was handed by the president to Sir Ray Lankester, to whom it had been awarded by the president and council.

DR. J. G. ADAMI, vice-chancellor of the University of Liverpool, and lately Strathcona professor of pathology and bacteriology in McGill University, has been elected to an honorary fellowship at Christ's College, Cambridge, of which he was formerly a scholar.

DR. E. F. LADD, president of the North Dakota Agricultural College, and previously professor of chemistry, has been nominated by the Republican party for the senate in place of Senator Gronna. Dr. Ladd was the candidate of the Non-Partisan League.

DR. HENRY KRAEMER, dean of the school of pharmacy of the University of Michigan, has resigned. He will continue his investigations on the cultivation of medicinal plants and the nature and distribution of color in plants.

DR. E. F. NORTHRUP has resigned from Princeton University as assistant professor of physics, having been elected vice-president and technical adviser of the recently organized Ajax Electrothermic Corporation, of Trenton, N. J., which manufacturers the high frequency induction furnace which he developed in the Palmer Physical Laboratory.

DR. E. W. GUDGER, after fourteen years service as professor of biology in the North Carolina College for Women, Greensboro, N. C., has resigned. During the coming year he will be at the American Museum of Natural History, associated with Dr. Bashford Dean as editor of Volume III. of the Bibliography of Fishes, Volumes I. and II. of which have already appeared.

T. NELSON DALE, geologist of the United States Geological Survey and author of bulletins on the Economic Geology of Slate, Granite and Marble, owing to the "Retirement Act," will, on August 21, 1920, take up the work of a consulting geologist in problems pertaining to slate, granite, marble, lime-rocks and the drilling for water.

DR. WALTER A. VER WIEBE, formerly connected with the geological faculties of Cornell University and the Ohio State University, and more recently field geologist for the Roxana Petroleum Company of Tulsa, has been chief geologist for the Mexican Sinclair Petroleum Corporation since April of this year, with headquarters in Tampico.

DR. T. S. TAYLOR, who has, during the first part of the present calendar year, been in charge of the research work for the Magnesia Association of America at the Mellon Institute of Industrial Research, University of Pittsburgh, Pittsburgh, Pa., returned on July 1 to the Research Laboratory of the Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., to take charge of their thermal research.

MR. EARL STAFFORD has become a member of the engineering staff of Arthur D. Little, Incorporated, chemists and engineers, Cambridge, Mass. Mr. Stafford is a graduate of the engineering school of Tufts College, 1908, and for the past twelve years has devoted his attention largely to hydro-electric developments with particular reference to ore treating plants, pulp and paper mills and light and power companies.

DR. GEORGE H. PARKER, professor of zoology, has been appointed Harvard exchange professor for next year to the western colleges.

THE commencement address at the University of South Dakota, on June 21, was given by Dr. George F. Swain, of Harvard University, the subject being "The Dangers of Idealism."

THE Halley lecture at Oxford is to be delivered this year by Professor R. A. Sampson, astronomer royal for Scotland.

IN memory of the late Major-General William C. Gorgas, funeral services under the auspices of the British government were held in St. Paul's Cathedral on July 9. Troops escorted the body to the cathedral and a military salute was fired at Hyde Park as the procession filed along the street from Queen Alexandra's Military Hospital to St. Paul's. Pall bearers included presidents of the Royal College of Physicians and the Royal College of Surgeons, and the director of the British Army Medical Service.

DR. E. MEAD WILCOX, director of the Agricultural Experiment Station and College of Agriculture in Santo Domingo, is in the United States for the purpose of securing additional men for his staff and the selection of laboratory equipment. He desires to secure a horticulturist, plant pathologist, chemist, veterinarian, and animal husbandryman and will be glad to enter into correspondence with persons interested. In addition to special knowledge of the particular subject some knowledge of Latin, French or Spanish is essential. Correspondence should be directed to him in care of Arthur H. Thomas Company, Philadelphia, Pa.

MR. JOHN D. ROCKFELLEE, JR., has given the new management of the New York State Reformatory for Women in Bedford the use of the social hygiene bureau and laboratory situated alongside the institution, for the study and scientific treatment of prisoners. The laboratory was built and equipped at a cost of \$200,000. Mr. John S. Kennedy, president of the State Prison Commission, recently urged that the laboratory be taken over. It was closed four years ago when Miss Helen A. Cobb, recently resigned, became superintendent of Bedford Reformatory. Miss Florence Jones, the new superintendent, and Dr. Phyllis Blanchard, who has been appointed psychiatrist, were in conference in relation to the psychiatric work. Mr. Rockefeller has consented to let the new administration use the laboratory at a rental reported to be \$1 a year.

THE program of the eighth annual meeting of the Eugenics Research Association, held at

Cold Spring Harbor, on June 25, was as follows: President Stewart Paton's address: "Democracy's opportunity." R. H. Johnson: "Some eugenical aspects of the distribution of wealth." Madison Grant: "The present racial outlook in the world at large." A. H. Estabrook: "The eugenical bearing of psychological work of the army." A. J. Rosanoff: "Preliminary report of a study of the prevalence of chronic psychoses in the population of the State of New York." Anna M. Peterson: "The eugenical aspect of custodial institutions for women." F. Stuart Chapin: "The scientific aspects of field work in the social sciences." C. B. Davenport: "Heredity of twins." H. H. Laughlin: "The eugenical provision of the constitution of the German republic."

FREE public lectures are being delivered in the lecture hall of the Museum Building of the New York Botanical Garden, Bronx Park, on Saturday afternoons, at four o'clock, as follows:

July 17. "Spoilage of fruits and vegetables during transportation and storage," F. C. Meier.

July 24. "The state park at Devil's Lake, Wisconsin," Dr. A. B. Stout.

July 31. "Flowers for the summer garden," G. V. Nash.

August 7. "Diatoms—plants of beauty seen through a microscope," Dr. M. A. Howe.

August 14. "Through the Philippines with a kodak," Dr. H. A. Gleason.

August 21. "How to know, gather and cook the puffballs," Dr. W. A. Murrill.

August 28. "A trip to Colorado," Dr. F. J. Seaver.

In order to provide a method for viewing the collections of the garden under guidance, a docent leaves the front door of the museum building every week-day afternoon at 3 o'clock, to escort all who may wish to accompany him. The routes are as follows: Monday: Hemlock Forest, Mansion and Herbaceous Garden. Tuesday: Pinetum. Wednesday: Fruticetum and North Meadows. Thursday: Deciduous Arboretum, Public Conservatory Range 2, Nurseries, and Propagating Houses. Friday: Public Conservatory Range 1. Saturday: Museums.

UNIVERSITY AND EDUCATIONAL NEWS

DR. RODNEY HOWARD TRUE, of the U. S. Department of Agriculture, has been appointed professor of botany in the University of Pennsylvania, to succeed Dr. John M. Macfarlane, who recently resigned.

DR. WALTER TAGGART has been appointed Blanchard professor of chemistry and director of the chemical laboratory of the University of Pennsylvania, to succeed Dr. Edgar F. Smith.

DR. H. R. KRAYBILL, of the Bureau of Plant Industry, has been appointed professor of agricultural chemistry and head of the department of chemistry of New Hampshire State College.

ADDITIONAL appointments in Colorado College for 1920-21 include, as assistant professor of geology, Mr. I. A. Keyte, B.S. (Missouri), recently head of science work in the Colorado Springs High School, and, as instructor in physics, Mr. Elmer Furnquist, A.M., (Illinois), recently an instructor in that institution.

REINHOLD F. A. HOERNLE, assistant professor of philosophy at Harvard University, has resigned in order to accept a professorship at Durham University.

DR. W. J. DAKIN, professor of biology in the University of Western Australia, has been appointed to the Derby chair of zoology, University of Liverpool, in succession to the late Professor Leonard Doncaster. DR. I. M. Heilbron, professor of organic chemistry at the Royal Technical College, has been appointed to the chair of organic chemistry.

DR. BENJAMIN MOORE, of the research staff at Oxford, has been appointed to the new chair of biochemistry.

DISCUSSION AND CORRESPONDENCE INTERSEXES IN DROSOPHILA AND DIFFERENT TYPES OF INTERSEXUALITY

TO THE EDITOR OF SCIENCE: In your issue of March 26, 1920, there appeared an important article by Dr. Sturtevant, in which he proved that intersexuality may be produced in